

Message

From: Messina, Edward [Messina.Edward@epa.gov]
Sent: 3/24/2021 4:48:57 PM
To: Nguyen, Thuy [Nguyen.Thuy@epa.gov]; Goodis, Michael [Goodis.Michael@epa.gov]
CC: Nesci, Kimberly [Nesci.Kimberly@epa.gov]; Anderson, Neil [Anderson.Neil@epa.gov]
Subject: RE: PFAS

OK. Feel free to respond.

Ed Messina, Esq.
Acting Office Director
Office of Pesticide Programs
Office of Chemical Safety & Pollution Prevention
U.S. Environmental Protection Agency
Washington, D.C.
p: (703) 347-0209

From: Nguyen, Thuy <Nguyen.Thuy@epa.gov>
Sent: Wednesday, March 24, 2021 12:46 PM
To: Messina, Edward <Messina.Edward@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>
Cc: Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Anderson, Neil <Anderson.Neil@epa.gov>
Subject: FW: PFAS

Hi Ed
Below (in red) is my proposed answer to Charlie's question.
Thanks
Thuy

From: Nguyen, Thuy
Sent: Tuesday, March 23, 2021 10:56 AM
To: Nesci, Kimberly <Nesci.Kimberly@epa.gov>
Cc: Anderson, Neil <Anderson.Neil@epa.gov>
Subject: RE: PFAS

Kimberly/Neil
This is how I plan to answer the e-mail below
Let me know what you think
Thanks
Thuy

Good morning Charlie

Our decision to use methanol was solely based on its chemical properties – methanol is a solvent that is most similar to water and least hydrophobic. If methanol strips PFAS away from the walls of a fluorinated HDPE container, then most of other chemicals will. The decision had nothing to do with how Anvil is formulated, and whether or not Anvil has any ingredient that behaves similar to methanol.

As for other products that are sold in plastic containers, at this point we do not have an answer to your questions. However, we are planning additional testing on containers from different manufacturers and fluorinators, and also on other pesticide products.

Let us know if you need additional information
Thuy

From: Messina, Edward <Messina.Edward@epa.gov>
Sent: Monday, March 22, 2021 10:07 PM
To: Silver, Charles <Charles.Silver@ag.ny.gov>
Cc: Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>
Subject: RE: PFAS

Glad we could help. CC'ing folks to see if there is any additional information we can provide.

Ed

Ed Messina, Esq.
Acting Office Director
Office of Pesticide Programs
Office of Chemical Safety & Pollution Prevention
U.S. Environmental Protection Agency
Washington, D.C.
p: (703) 347-0209

From: Silver, Charles <Charles.Silver@ag.ny.gov>
Sent: Monday, March 22, 2021 3:27 PM
To: Messina, Edward <Messina.Edward@epa.gov>
Subject: RE: PFAS

Dear Mr. Messina –

Thank you for responding to my voice-mail. The USEPA memorandum dated March 4, 2021 from Thuy Nguyen to Kimberly Nesci answered many of my questions. My follow up questions concern the methanol rinsate and other liquids that behave like it. Your preliminary study appears to indicate that the methanol rinsate is “stripping” PFAS from the interior and exterior surfaces of high-density polyethylene (HDPE) containers. So what ingredients in Anvil 10+10 are behaving like methanol and stripping PFAS from the interior of the HDPE containers?

In addition to Anvil 10+10, there are a number of other pesticides on the market that are sold in plastic containers such as Talstar P (EPA Registration Number 279-3206), Pyronyl Crop Spray (655-489), Hort Oil (98-2), Roundup (93236-1), Sightline (74779-8) and Thiram (264-929). Do ingredients in these pesticides also strip PFAS from HDPE containers? And finally, what about non-pesticide products, such as solvents or beverages, sold in HDPE containers?

Any insight you can provide on this issue would be greatly appreciated. Thank you.

Sincerely,

Charlie Silver

Charles Silver, Ph.D.
NYS Office of the Attorney General
Environmental Protection Bureau
NYC Watershed Inspector General Scientist
The Capitol
Albany, NY 12224-0341
direct phone: (518) 776-2395
fax: (518) 650-9363
email: Charles.Silver@ag.ny.gov

From: Messina, Edward <Messina.Edward@epa.gov>

Sent: Thursday, March 11, 2021 2:09 PM

To: Silver, Charles <Charles.Silver@ag.ny.gov>

Cc: Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>

Subject: PFAS

[EXTERNAL]

Charles,

Received your voice-mail. Understand NY has some questions about the potential PFAS contamination issue?

Let me know how we can help,
Ed

Ed Messina, Esq.
Acting Office Director
Office of Pesticide Programs
Office of Chemical Safety & Pollution Prevention
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Washington, D.C.
p: (703) 347-0209

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